

Title (en)  
DEVICE FOR TRANSPORTING A TRANSPORT ITEM, AND METHOD

Title (de)  
VORRICHTUNG ZUM TRANSPORTIEREN EINES TRANSPORTGUTES UND VERFAHREN

Title (fr)  
DISPOSITIF DE TRANSPORT D'UN PRODUIT À TRANSPORTER ET PROCÉDÉ

Publication  
**EP 3331810 B1 20200916 (DE)**

Application  
**EP 16766833 A 20160804**

Priority  
• DE 102015009844 A 20150804  
• DE 2016000302 W 20160804

Abstract (en)  
[origin: WO2017020885A1] Device for transporting a transport item for mounting on a lifting vehicle, in particular on a transporting device of a forklift truck, in particular an order-picked package, in particular with a load weight of less than about 50 kg, comprising a means for at least temporarily receiving the transport item by means of a vacuum device and/or a conveyor belt, wherein the vacuum device is to be positioned substantially in the horizontal onto the transport item, and/or the conveyor belt is to be positioned on a lower edge of the transport item, wherein the vacuum device and/or the conveyor belt is arranged on a pivot arm with a pivot point which, by means of the vacuum device and/or the conveyor belt, allows handling of the transport item, in particular a pivoting, in particular at a predetermined pivot angle, in particular of about +/- 90°, within the horizontal, and/or depositing of the transport item, substantially in the horizontal.

IPC 8 full level  
**B66F 9/18** (2006.01); **B65G 1/04** (2006.01); **B65G 61/00** (2006.01); **B66F 9/12** (2006.01); **B66F 9/14** (2006.01)

CPC (source: EP US)  
**B66F 9/122** (2013.01 - EP US); **B66F 9/147** (2013.01 - EP US); **B66F 9/181** (2013.01 - EP US); **B65G 1/0435** (2013.01 - EP US); **B65G 61/00** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017020885 A1 20170209**; CN 108349720 A 20180731; DE 102015009844 A1 20170209; DE 112016003555 A5 20180412; EP 3331810 A1 20180613; EP 3331810 B1 20200916; JP 2018521931 A 20180809; US 2018229987 A1 20180816

DOCDB simple family (application)  
**DE 2016000302 W 20160804**; CN 201680058573 A 20160804; DE 102015009844 A 20150804; DE 112016003555 T 20160804; EP 16766833 A 20160804; JP 2018506158 A 20160804; US 201615750211 A 20160804